

PROCEEDINGS  
OF THE  
BIOLOGICAL SOCIETY OF WASHINGTON

---

TWO NEW BATS OF THE GENUS *TAPHOZOUS*.

BY N. HOLLISTER.

[Published by permission of the Secretary of the Smithsonian Institution.]

---

Two hitherto undescribed species of *Taphozous*, in the collection of the United States National Museum, may be known from the following descriptions:

***Taphozous solifer* sp. nov.**

*Type* from Peking, China. Adult ♂, in alcohol, U. S. National Museum No. 113,010. Collected March 28, 1901, by M. L. Robb.

*Diagnosis*.—Size, proportions, and general characters of *Taphozous philippinensis*. Color quite different; upperparts with underfur drab instead of white, and with hair tips and general color much paler; lower underparts with hairs uniformly drab-gray, not bicolor.

*Color* from alcoholic specimens.—General color of upperparts wood-brown, the underfur drab and the hair tips wood-brown. Middle of throat, including beard and stripe under and back of ear, blackish. Cheeks, sides, and belly drab-gray, the hairs unicolor.

*Skull and teeth*.—Skull almost precisely as in *T. philippinensis*. Teeth slightly smaller, the mandibular rows noticeably narrower.

*Measurements of type* from alcoholic.—Head and body, 76; tail vertebrae, 21; hind foot, with claws, 12; forearm, 64. Skull of topotype: Condylbasal length, 19.4; zygomatic breadth, 12.5; breadth of braincase, 10.4; mastoid breadth, 10.9; interorbital breadth, 5.7; postorbital breadth, 4.8; upper tooth row, entire, 9.1; mandible, 16.4; mandibular tooth row, entire, 11.1.

*Specimens examined*.—Eight from the type locality, seven alcoholics and one skeleton.

***Taphozous cavaticus* sp. nov.**

*Type* from Moeara Dua, near Emma-haven, south of Padang, West Sumatra. Adult ♀, skin and skull, U. S. National Museum No.

141,092. Collected January 15, 1905, by Dr. W. L. Abbott. Original No. 3944.

*Diagnosis*.—Like *Taphozous melanopogon*, but decidedly larger, with much larger skull. Lower lip more distinctly grooved above and in front.

*Color*.—Head, nape, and fore part of back, bistre; posterior upper-parts darker, slightly mixed with blackish-brown, the underfur everywhere broadly buffy-white. Throat and breast dark blackish-brown; belly and sides light drab, mottled with pale drab-gray, the underfur broadly buffy-white as on back.

*Skull and teeth*.—Skull like that of *Taphozous melanopogon*, but much larger, especially broader and with higher braincase. Teeth larger.

*Measurements of type*.—Head and body, 93; tail, 23; forearm, 65. The forearm of an adult ♀ topotype in alcohol measures 66.5. Skull of type: Condylbasal length (without premaxillary), 19.4; total length (without premaxillary), 20.6; zygomatic breadth, 13.3; breadth braincase, 10.6; mastoid breadth, 11.4; interorbital breadth, 6.0; postorbital breadth, 5.1; length upper tooth row, entire, 9.3; mandible, 16.2; mandibular tooth row, entire, 11.3.

*Remarks*.—Externally this species agrees with *T. melanopogon* in every character except the large size and the more pronounced lip grooves. Doctor Abbott has written in his field catalogue: "These two bats were brought me by a native who said he caught them in a large hole or cave in the rocks by the sea shore." The paratype is preserved in alcohol.